

INCH-POUND

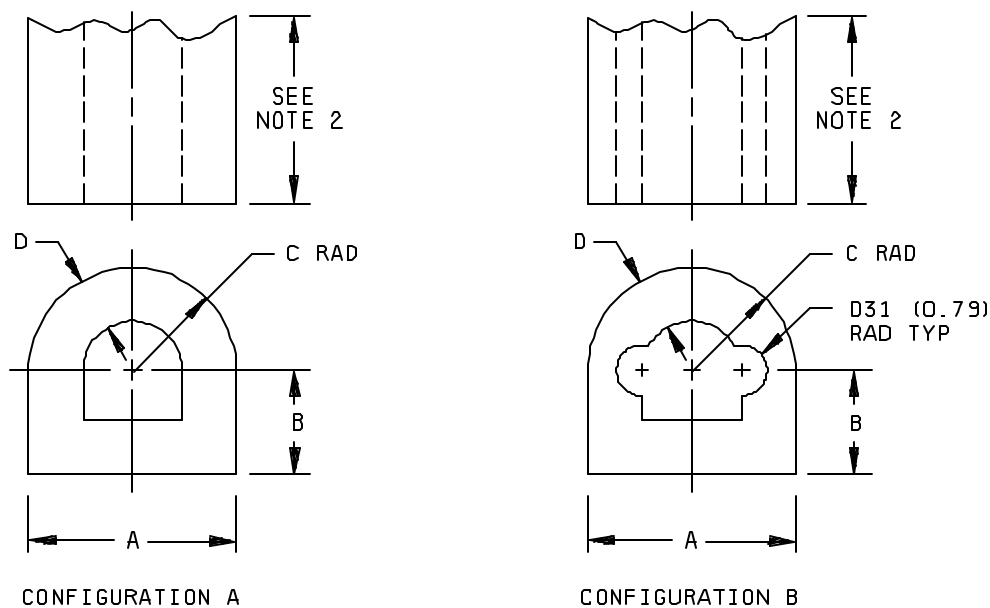
MIL-DTL-83528/7E  
15 November 2001  
SUPERSEDING  
MIL-G-83528/7D  
10 July 1992

## DETAIL SPECIFICATION SHEET

### GASKETING MATERIAL, CONDUCTIVE, SHIELDING GASKET, ELECTRONIC, ELASTOMER, EMI/RFI, HOLLOW D-STRIP

This specification is approved for use by all Departments  
and Agencies of the Department of Defense.

The requirements for acquiring the relay described herein shall  
consist of this specification and the latest issue of MIL-DTL-83528.



#### NOTES:

1. Dimensions are in inches; metric equivalents are given in parenthesis and are for general information only.
2. Length shall be as specified on the purchase order.

FIGURE 1. EMI/RFI gasket, elastomer, and hollow D-strip.

## REQUIREMENTS:

Design and interface: See figure 1 and table I.

Material: Type A, B, C, D, E, F, H, J, K, L, or M.

Part or Identifying Number (PIN): See table I.

Supersession information: See table II.

TABLE I. Dimensions.

PIN <u>1/</u> M83528/007X	Nominal dimensions <u>2/ 3/</u>				Configuration	Cross section area (cm <sup>2</sup> ) <u>4/</u>
	A	B	C	D		
001	.156 (3.96)	.078 (1.98)	.078 (1.98)	.045 (1.14)	A	0.116
002	.187 (4.75)	.093 (2.36)	.093 (2.36)	.050 (1.27)	A	0.156
003	.312 (7.92)	.156 (3.96)	.156 (3.96)	.062 (1.57)	A	0.356
004	.312 (7.92)	.156 (3.96)	.156 (3.96)	.062 (1.57)	B	0.337
005	.312 (7.92)	.200 (5.08)	.112 (2.84)	.062 (1.57)	A	0.334
006	.487 (12.37)	.080 (2.03)	.244 (6.20)	.080 (2.03)	A	0.582
007	.250 (6.35)	.125 (3.18)	.125 (3.18)	.065 (1.65)	A	0.227

1/ "X" in the PIN shall be replaced by the applicable material type. Complete PIN example: M38528/007A001.

2/ Dimensions are in inches; metric equivalents are given in parenthesis and are for general information only.

3/ Tolerance shall be as follows:

<u>Dimensions</u>	<u>Tolerance</u>
Under .101 (2.57)	± .005 (0.13)
.101 to .200 (2.57 to 5.08)	± .008 (0.20)
.201 to .300 (5.10 to 7.62)	± .010 (0.25)
.301 to .500 (7.62 to 12.70)	± .015 (0.38)

4/ For calculation of volume resistivity (for reference only).

TABLE II. Supersession information.

PIN <u>1/</u> M83528/007X	Superseded DESC Drawing PIN 85106X <u>1/</u>
001	001
002	002
003	003
004	004
005	005
006	006

1/ "X" in the PIN indicates the applicable material type.

MIL-DTL-83528/7E

Custodian:

Army - CR  
Navy - EC  
Air Force - 11  
DLA - CC

Preparing activity:  
DLA - CC

(Project 5999-0375-07)

Review activities:

Air Force – 19, 99  
NSA – NS